Specifications

		CS600-11eN PRO		CS500-11eN PRO		IS200-11eN PRO	
Document sizes		ANSI E to ISO A4					
Maximum scanning medium width		1,092 mm (43 inches)(centered)					
Effective scanning area	Width	1,066.8mm (42 inches) (centered)					
	Length	16 m (maximum) *1					
Document thickness		20.32 mm (0.8 inches) or less (including the carrier sheet)		1.5 mm (0.06 inches) or less (including the carrier sheet)			
Document thickness Detection process		Automatic detection by ITA		-			
Optical resolution		600 dpi					
Interpolated resolution		50 to 4800 dpi, in 1-dpi increments	50 to 800 dpi, in 1-dpi increments	50 to 4800 dpi, in 1-dpi increments	50 to 800 dpi, in 1-dpi increments	50 to 4800 dpi, in 1-dpi increments	50 to 800 dpi, in 1-dpi increments
Main scanning system		Contact image sensor system (Five A4 sensors in a zigzag pattern)					
Sub scanning system		Document travel (sheet through) system					
Scanning speed*2							
When the document thickness is 1.5 mm (0.06 inches) or less (400 dpi, ISO A0)							
High-speed scan	Monochrome	8s	-	8s	-	8s	-
	Gray	16s	-	16s	-	16s	-
	8bit Color	32s	-	32s	-	32s	-
	24bit color	29s	-	29s	-	-	-
Normal scan	Monochrome	13s	13s	13s	13s	13s	13s
	Gray	19s	19s	19s	19s	19s	19s
	8bit Color	45s	45s	45s	45s	45s	-
	24bit color	41s	41s	41s	41s	-	-
When the document thickness is 1.5 mm (0.06 inches) to 20.32 mm (0.8 inches) (400 dpi, ISO A0)							
High-speed scan	Monochrome	29s	-				
	Gray	29s	-				
	8bit Color	29s	-				
	24bit color	29s	-				
Normal scan	Monochrome	35s	35s				
	Gray	35s	35s				
	8bit Color	45s	45s				
	24bit color	41s	41s				
Scanning precision *3		–0.1%					
Gradation		Monochrome : Bilevel, intermediate tones (dithering, error diffusion)					
		Gray : 256 shades, Color : 8-bit, 24-bit				Gray : 256 shades, Color : 8-bit	Gray:256shades
Threshold value		Automatic threshold settings by DSP during monochrome mode					
Color space		s-RGB compatible				s-RGB compatible	
Light source		LED (RGB)				LED (RGB)	
Interface	-11eN , -11eN-PRO	USB 2.0, 10BASE-T/100BASE-TX					
Output		Image data					
Rated power supply		100 to 120/200 to 230 VAC –10%, 50/60 Hz					
Operating environment		Temperature: 10¡C to 35¡C ; Humidity : 35% to 80% RH (non-condensing)					
Power consumption		135 VA or less (60 W or less) (12W or less in power save mode)					
External dimensions (approx.)	CS600/500	1,205 X 957 X 690 mm (47.4 X 37.7 X 27.1 inches) (W X H X D) (including stand)					
	IS200	1,205 X 957 X 650 mm (47.4 X 37.7 X 25.6 inches) (W X H X D) (including stand)					
Weight (approx.)		47 kg (including stand)		38 kg (including stand)		37 kg (including stand)	
Conforming standard		UL, FCC class A (USA), CE mark (EU)					
Operating system (OS)		Windows XP Professional, Windows XP Home Edition, Windows 2000 Professional					

*1 Documents up to approximately 16 m in length (driver software limitation) can be scanned. However, the actual document length that can be scanned is limited by the available memory (hard disk or other data storage device) of the computer to which the scanner is connected, and also by the grade of the medium being scanned.
*2 Including data transfer time
Scanning system requirements (Scanning speed may decrease depending on PC specifications.)
CPU : Pentium4 3.2 GHz or higher ; Memory : 1GB or more ; Interface : USB2.0
*3 Notes on scanning precision
Scanning precision may vary slightly depending on the grade and thickness of the medium being scanned, and on the operating conditions. The precision figures above were measured under the operating conditions described below.
Test chart used : Mylar sheet #200
Guaranteed precision conditions : Temperature 20 –3¡C ; humidity :60% –10% RH
Guaranteed scanning precision range : Width: 1,066.8mm; Length: 1,508.7mm; Thickness:1.5mm or less
Scanning precision at 1 meter length.

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Products, models

Express Imaging System

Product	Model	Main Features
Scanning Arts	OPS120	Software (copy, scan, print, e-mail)
Control touch panel installation kit	EIS150-RACK	It is necessary when using the control touch panel on the scanner stand.

Full color image scanners (for thick medium scanning)

Product	Model	Main Features
Full color image scanner(Network-enabled)	CS600-11eN	42" wide, interpolation resolution 800dpi, scanning of thick documents up to 20mm (0.8 inches), USB2.0/Network dual port connectivity
Full color image scanner(Network-enabled)	CS600-11eN-PRO	42" wide, interpolation resolution 4800dpi, scanning of thick documents up to 20mm (0.8 inches), USB2.0/Network dual port connectivity

Full color image scanners

Product	Model	Main Features
Full color image scanner(Network-enabled)	CS500-11eN	42" wide, Maximum interporated resolution 800dpi, USB2.0/Network dual port connectivity
Full color image scanner(Network-enabled)	CS500-11eN-PRO	42" wide, Maximum interporated resolution 4800dpi, USB2.0/Network dual port connectivity

8-bit color image scanner

Product	Model	Main Features
8-bit color image scanner (Network-enabled)	IS200-11eN-PRO	42" wide, Maximum interporated resolution 4800dpi, USB2.0/Network dual port connectivity

Monochrome image scanner

Product	Model	Main Features
Monochrome image scanner (Network-enabled)	IS200-11eN	42" wide, Maximum interporated resolution 800dpi, USB2.0/Network dual port connectivity

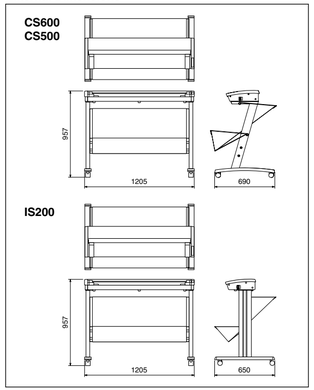
Standard Accessories

Power cable	1
Calibration / Color correction sheets (CS500/600:ISO0917,IS200:ISO0918)	1 set
Carrier sheet (IS0907)	1
User's Manual, Scanning Master 21+ driver	1 set
Document support unit (CS600)	1
Document support wires	3
Cleaning paper	1 pack

Options / Other Accessories

Scanner stand for CS600 series and CS500 series	ST0055K
Scanner stand for IS200 series	ST0052K
Software to upgrade Scanning Master 21+ to Scanning Master Pro Color	OPS115-KIT-E
36 -size carrier sheet	IS0907
25 -size carrier sheet	IS0908
Cleaning paper, 50 sheets	EM-CP

External Dimensions



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SCN200604122000AS Printed in Japan

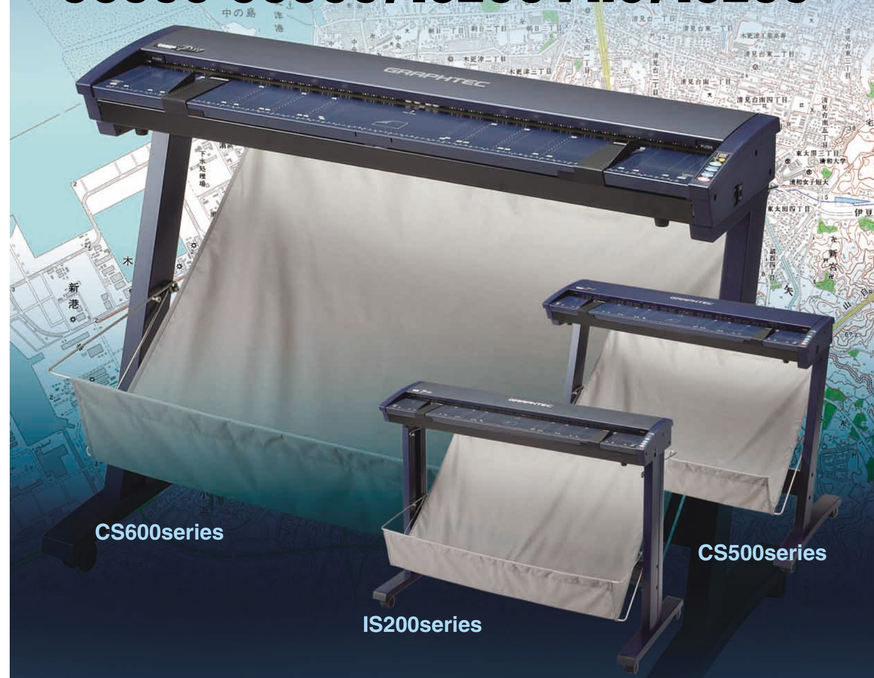
GRAPHTEC

Full Color Image Scanners
24-bit Color | 42" wide | s-RGB compatible

8-bit Color Image Scanners
8-bit Color | 42" wide

Monochrome Image Scanners
8-bit | 42" wide

CS600·CS500/IS200 PRO/IS200



CS600 Series : 42" wide/full-color, for thick medium scanning
CS500 Series : 42" wide/full-color
IS200-11eN PRO : 42" wide/8bit-color
IS200-11eN : 42" wide/monochrome

Compared with previous models, achieves a 40% reduction in reading time. significantly improving productivity. And 4,800dpi interpolated resolution is added.

Provides an effective scanning width of 42 inches and a maximum medium thickness of 20 mm, capable of handling panel-mounted originals (CS600 series only)

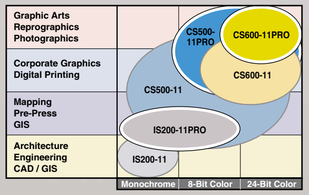
State of the art scanning technology. For GIS/CAD, Graphics, Reprographics and more.

Monochrome Image Scanners
IS200-11eN

8-bit Color Image Scanners
IS200-11eN PRO

Full Color Image Scanners
CS500-11eN PRO
CS500-11eN

Full Color Image Scanners
CS600-11eN PRO
CS600-11eN



※The CS600/CS500/IS200 series can be upgraded after an initial purchase.
These services are the option plans in a distributor. Please ask the distributor for details.

※In the figure above, a scanning sample is loaded with its printed side facing up for clarification purposes. Note that the printed side must face downwards when you load the medium during actual operations.

Scans thick medium up to 20.3 mm (0.8 inch)

CS600 Series supports the ITA (Intelligent Thickness Adjustment) feature, allowing for scanning of thick medium up to 20.3 mm (0.8 inch). To load a medium using the ITA feature while automatically detecting its thickness, first press the ITA button to activate the function. Then gently push the top edge of the medium against the top cover, which allows the cover to rise up. After loading the medium, the cover closes to place it in position.

Supports a new paper pressure feeding mechanism that can "Iron out" the wrinkles on paper and ensure reliable paper feeding

CS 600/500 and IS200 adopt a new paper pressure feeding mechanism, which helps smooth out even the badly wrinkled paper and ensure optimal image reproduction. Thick medium can be securely held to guarantee correct feeding, resulting in accurate scanning.

Equipped with sliding paper guides with a right-left balancing function

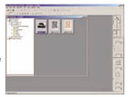
All series now have as standard the sliding paper guides with a right-left balancing function, a very useful mechanism when loading medium, and has proved very popular among many users.

Scanning Master 21+ Driver

Scanning Master series is a driver/utility software for scanning, displaying, and editing image data from a scanner. Scanning Master series consists of two versions: one is Scanning Master 21+ that is standard with all our scanners, and the other Scanning Master Pro Color that is available as an option. Scanning Master software allows you to edit and improve the scanned images according to your needs, it enables you to easily edit and manage your images immediately after purchase.

Features

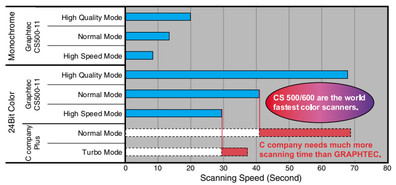
- Improved ease-of-use with comprehensive scanning setting functions (Pro Color has incorporated new useful features including four-point skew correction.)
- Improved productivity with an enhanced Scanner driver/utility software
- Scanning functions for sharp input
- Threshold value adjustment function
- Wide range of editing functions (Pro Color includes new editing features such as area filling and image synthesis.)
- Supports a wide range of file formats (Bitmap, TIFF, PCX, JPEG, PDF and more formats)
- Supports an easy filing feature (Pro Color only) (A filing tool with a simple and easy search function that produces thumbnails)



Scans thick medium up to 20.3 mm (0.8 inch)

Compatible with CS600 Series that supports the ITA (Intelligent Thickness Adjustment) feature to automatically detect the thickness of the medium being loaded

High scanning speeds



Actual throughput time measured with a PC configuration of Pentium(R) 4, 3.2GHz, 1GB RAM and 120GB HD

Compact & Lightweight

±0.1% Scanning Accuracy

600 dpi Optical Resolution
4800 dpi maximum interpolated resolution
(PRO models)

Reduces a total scanning time by high-speed interfaces

USB2.0/IEEE1394 and USB2.0/Network Connectivity interfaces are supported.

Scanning Master 21+ Scanner Driver

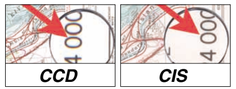
Scan to File / Scan to Print / Scan to Mail / Scan to Viewer
Scan to PDF

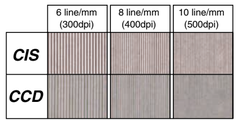
CIS vs CCD scanner

CIS : Contact Image Sensor Method
CCD : Magnification Optical Method

All Graphtec scanners currently use the CIS sensor system, ensuring sharp, crisp and clear image reproduction. This technical advantage is further reinforced by a very accurate paper feed and hold technology. Even deep wrinkles on paper can be smoothed to provide optimal image reproduction. Graphtec scanners provide stunning high-resolution images compared to other products in the market. Graphtec scanners (CS600/500) achieve a wider color gamut using the CIS method instead of the older CCD method. CS600/500 can produce high levels of precision and accuracy, as well as a high Optical Resolution of 600dpi. These are truly state-of-the-art scanners that not only meet the needs of industries requiring precise images such as civil engineering drawings, city planning drawings and apparel paper patterns, but also satisfy the needs of the graphic arts and printing industries.

Corona Effect



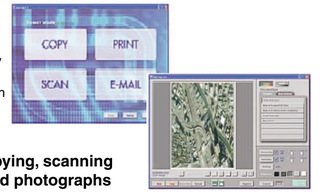


Full-color Copy System

EIS150 Scanning Arts Software

The Scanning Arts Software was designed for full color copies of large-size drawings and photographs with a user-friendly interface for ease of use. This software can also be used for simple document scanning, file creation and data transfer via email.

Scanning Arts, new age of software provides a user-friendly interface with intuitive navigation.



" Scanning Arts "software provides improved visibility for scanned image using an enlarged preview. The operator simply follows the menus on the setting area sequentially using the intuitive interface. The control buttons are designed similar to an office photocopier. These improvements provide a clear, easy-to-understand user interface even for the novice.

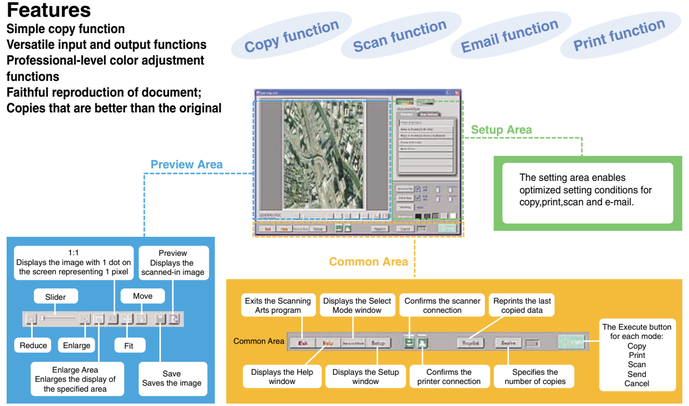
The Scanning Arts Software offers full-color copying, scanning and data transmission of large-size drawings and photographs for support of your tasks.

The Scanning Arts Software fulfills all your needs such as large-format color copier, scan a large-size document and transmit the data to a remote location without complicated procedures, or digitalize information from paper documents. The software includes default scanning settings that are optimized for most types of source documents for example drawings, posters, maps, photos etc. Any one of these settings can be chosen as needed. The Scanning Arts Software also provides the user programming feature, allowing the user to specify preferred settings. For full-color copying, more precise color reproduction is achieved by using improved color matching algorithm between the input device and the output device. Scanned data can be sent to a remote location via email using G-Flash, a data splitting/sending software program. With large files, you can use G-Flash to split the file for transmission. The receiving user uses G-Flash Receiver*1 to automatically restore the split data.

*1 G-Flash Receiver is to be downloaded from Graphtec's website.

Features

Simple copy function
Versatile input and output functions
Professional-level color adjustment functions
Faithful reproduction of document; Copies that are better than the original



Scanning Arts — Main Window —